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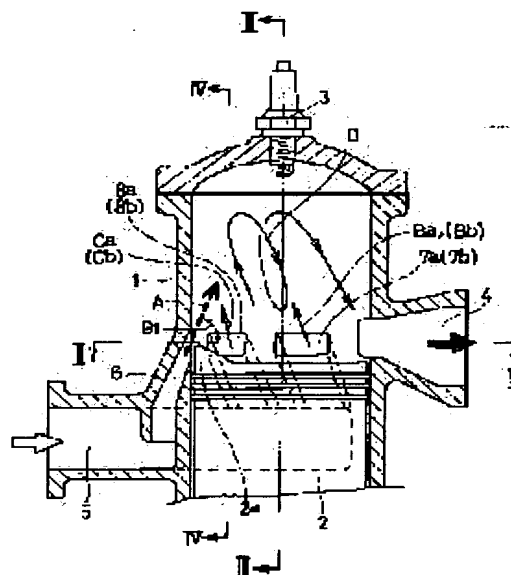
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(54) SCAVENGER IN TWO-CYCLE INTERNAL COMBUSTION ENGINE

(57)Abstract:

PURPOSE: To make improvements in charging efficiency and ignition combustibility, in this scavenger for a two-cycle internal combustion engine composed of installing an exhaust port, a first scavenging port, a symmetrical pair of second scavenging ports and a symmetrical pair of third scavenging ports in one cylinder equipped with a spark plug at the top.

CONSTITUTION: Each blowup angle in both the second scavenging ports 7a and 7b and both the third scavenging ports 8a and 8b is made to be smaller in each one side of the second scavenging port 7a and the third scavenging port 8a but larger in each other side of the second scavenging port 7b and the third scavenging port 8b, while at the time of the down motion of a piston 2, a space of timing to open a first scavenging port 6 is made to be later than that when both these second and third scavenging ports are opened.



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